

5. (Amended) The system for tracking and locating objects according to claim 1, characterized in that

the tracking means comprise a plurality of receiver beacons, each receiver beacon having a set spatial receiving field,

the control means are connected to the receiver beacons of the tracking means by means of a multiplexer or a network.

6. (Amended) The system for tracking and locating objects according to claim 1, characterized in that

the tracking means comprise a plurality of emitting beacons (18), each emitting beacon having a set spatial receiving field,

the control means are connected to the emitting beacons (18) of the tracking means by means of a multiplexer (22) or a network.

7. (Amended) The system for tracking and locating objects according to claim 1, characterized in that the emitted and received signals are electromagnetic signals.

8. (Amended) The system for tracking and locating objects according to claim 1, characterized in that the indicating means (30) comprise display means such as light-emitting diodes or LCD screens, and/or acoustic emitting means

9. (Amended) A procedure for tracking and locating objects implementing a system according to claim 1, characterized in that the transponder associated to the searched object is located by analysing the configuration of the antennas that "see" or don't "see" the transponder, using a binary approach.

10. (Amended) The procedure for tracking and locating objects implementing a system according to claim 1, characterized in that the transponder associated to the searched object is located by measuring the energy absorbed by the transponder.